

Please type a plus sign (+) inside this box → +



PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
		Application Number		10/572,886	
		Filing Date		October 3, 2006	
		First Named Inventor		MOORE et al.	
		Group Art Unit		1653----- 1656	
		Examiner Name		Carlson	
Sheet		1		of 25	
		Attorney Docket Number		8325-0038 (S38-US1)	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
/KCC/	A1	4,186,183		Steck et al.	01-29-1980
	A2	4,217,344		Vanlerberghe et al.	08-12-1980
	A3	4,235,871		Papahadjopolous et al.	11-25-1980
	A4	4,261,975		Fullerton et al.	04-14-1981
	A5	4,485,054		Mezei et al.	11-27-1984
	A6	4,501,728		Geho et al.	02-26-1985
	A7	4,603,044		Geho et al.	07-29-1986
	A8	4,774,085		Fidler	09-27-1988
	A9	4,797,368		Carter et al.	01-10-1989
	A10	4,837,028		Allen	06-06-1989
	A11	4,897,355		Eppstein et al.	01-30-1990
	A12	4,946,787		Eppstein et al.	08-07-1990
	A13	4,957,773		Spencer et al.	09-18-1990
	A14	5,049,386		Eppstein et al.	09-17-1991
	A15	5,173,414		Lebkowski et al.	12-22-1992
	A16	5,176,996		Hogan et al.	01-05-1993
	A17	5,272,071		Chappel	12-21-1993
	A18	5,356,802		Chandrasegaran	10-18-1994
	A19	5,364,791		Vegeto et al.	11-15-1994
	A20	5,422,251		Fresco	06-06-1995
	A21	5,436,150		Chandrasegaran	07-25-1995
	A22	5,487,994		Chandrasegaran	01-30-1996
	A23	5,585,245		Nils et al.	12-17-1996
	A24	5,789,538		Rebar et al.	08-04-1998
	A25	5,792,640		Chandrasegaran	08-11-1998
	A26	5,834,266		Crabtree et al.	11-10-1998
	A27	5,874,534		Vegeto et al.	02-23-1999
	A28	5,916,794		Chandrasegaran	06-29-1999
	A29	5,925,523		Dove et al.	07-20-1999
	A30	5,935,934		Vegeto et al.	08-10-1999
	A31	5,994,313		Crabtree et al.	11-30-1999
	A32	6,007,988		Choo et al.	12-28-1999
	A33	6,013,453		Choo et al.	01-11-2000
	A34	6,140,081		Barbas	10-31-2000
	A35	6,200,759	B1	Dove et al.	03-13-2001
	A36	6,265,196	B1	Chandrasegaran	07-24-2001
	A37	6,270,990	B1	Anderson et al.	08-07-2001
	A38	6,453,242	B1	Eisenberg et al.	09-17-2002
	A39	6,534,261	B1	Cox et al.	03-18-2003
/KCC/	A40	6,607,882	B1	Cox et al.	08-19-2003

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>2</sup> See attached Kinds of U.S. Patent Documents.



Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
		Application Number	10/572,886		
		Filing Date	October 3, 2006		
		First Named Inventor	MOORE et al.		
		Group Art Unit	1653		
		Examiner Name			
Sheet	3	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>1</sup>
/KCC/	C1	Ahmad et al., "ANTIBODY-MEDIATED SPECIFIC BINDING AND CYTOTOXICITY OF LIPOSOME-ENTRAPPED DOXORUBICIN TO LUNG CANCER CELLS IN VITRO," Cancer Res 52(17):4817-4820 (1992)		
↓	C2	Ahn et al., "THREONINE 68 PHOSPHORYLATION BY ATAXIA TELANGIECTASIA MUTATED IS REQUIRED FOR EFFICIENT ACTIVATION OF CHK2 IN RESPONSE TO IONIZING RADIATION," Cancer Res 60:5934-5936 (2000)		
↓	C3	Altincicek et al., "INTERACTION OF THE COREPRESSOR ALIEN WITH DAX-1 IS ABROGATED BY MUTATIONS OF DAX-1 INVOLVED IN ADRENAL HYPOPLASIA CONGENITAL," J. Biol. Chem. 275(11):7662-7667 (2000)		
↓	C4	Alvarez et al. "A PHASE I STUDY OF RECOMBINANT ADENOVIRUS VECTOR-MEDIATED INTRAPERITONEAL DELIVERY OF HERPES SIMPLEX VIRUS THYMIDINE KINASE (HSV-TK) GENE AND INTRAVENOUS GANCICLOVIR FOR PREVIOUSLY TREATED OVARIAN AND EXTRAOVARIAN CANCER PATIENTS," Hum. Gene Ther. 8(5):597-613 (1997)		
↓	C5	Anderson, "HUMAN GENE THERAPY," Science 256(5058):808-813 (1992)		
↓	C6	Arora et al., "RESIDUES 1-254 OF ANTHRAX TOXIN LETHAL FACTOR ARE SUFFICIENT TO CAUSE CELLULAR UPTAKE OF FUSED POLYPEPTIDES," J. Biol. Chem. 268(5):3334-3341 (1993)		
↓	C7	Aso et al., "TRANSCRIPTION SYNDROMES AND THE ROLE OF RNA POLYMERASE II GENERAL TRANSCRIPTION FACTORS IN HUMAN DISEASE," J. Clin. Invest. 97:1561-1569 (1996)		
↓	C8	Ayer et al., "MAD PROTEINS CONTAIN A DOMINANT TRANSCRIPTION REPRESSION DOMAIN," Mol. Cell. Biol. 16(10):5772-5781 (1996)		
↓	C9	Ballard et al., "THE 65-KDA SUBUNIT OF HUMAN NF- $\kappa$ B FUNCTIONS AS A POTENT TRANSCRIPTIONAL ACTIVATOR AND A TARGET FOR V-REL-MEDIATED REPRESSION," PNAS USA 89:1875-1879 (1992)		
↓	C10	Barahmand-Pour et al., "A ROLE FOR STAT FAMILY TRANSCRIPTION FACTORS IN MYELOID DIFFERENTIATION," Curr Top Microbiol Immunol 211:121-128 (1996)		
↓	C11	Barnes & Adcock "TRANSCRIPTION FACTORS," Clin Exp Allergy 2:46-49 (1995)		
↓	C12	Bartek et al., "CHK2 KINASE – A BUSY MESSENGER," Nat Rev Mol Cell Biol 2:877-886 (2001)		
/KCC/				

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
		Application Number		10/572,886	
		Filing Date		October 3, 2006	
		First Named Inventor		MOORE et al.	
		Group Art Unit		1653	
		Examiner Name			
Sheet	4	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>	
/KCC/	C13	Bartsevich et al., "REGULATION OF THE MDR1 GENE BY TRANSCRIPTIONAL REPRESSORS SELECTED USING PEPTIDE COMBINATORIAL LIBRARIES," Mol Pharmacol 58:1-10 (2000)		
	C14	Batzer et al., "ENHANCED EVOLUTIONARY PCR USING OLIGONUCLEOTIDES WITH INOSINE AT THE 3'-TERMINUS," Nucleic Acid Res. 19:5081 (1991)		
	C15	Beerli et al., "POSITIVE AND NEGATIVE REGULATION OF ENDOGENOUS GENES BY DESIGNED TRANSCRIPTION FACTORS," PNAS 97: 1495-1500 (2000)		
	C16	Behr et al., "GENE TRANSFER WITH SYNTHETIC CATIONIC AMPHIPHILES: PROSPECTS FOR GENE THERAPY," Bioconjug. Chem. 5(5):382-389 (1994)		
	C17	Berg et al., "THE GALVANIZATION OF BIOLOGY: A GROWING APPRECIATION FOR THE ROLES OF ZINC," Science 271: 1081-1085 (1996)		
	C18	Beug et al., "AVIAN ERYTHROPOIESIS AND ERYTHROLEUKEMIA: TOWARDS UNDERSTANDING THE ROLE OF THE BIOMOLECULES INVOLVED," Biochim. Biophys. Acta 1288(3):M35-47 (1996)		
	C19	Bird et al., "METHYLATION-INDUCED REPRESSION--BELTS, BRACES, AND CHROMATIN," Cell 99(5):451-454 (1999)		
	C20	Bitko & Barik, "PERSISTENT ACTIVATION OF RELA BY RESPIRATORY SYNCYTIAL VIRUS INVOLVES PROTEIN KINASE C, UNDERPHOSPHORYLATED IKAPPA BETA, AND SEQUESTRATION OF PROTEIN PHOSPHATASE 2A BY THE VIRAL PHOSPHOPROTEIN," J. Virol. 72(7):5610-5618 (1998)		
	C21	Blaese et al., "VECTORS IN CANCER THERAPY: HOW WILL THEY DELIVER?" Cancer Gene Therapy 2:291-297 (1995)		
	C22	Blaese et al., "T LYMPHOCYTE-DIRECTED GENE THERAPY FOR ADA- SCID: INITIAL TRIAL RESULTS AFTER 4 YEARS," Science 270(5235):475-480 (1995)		
	C23	Boulikas, "PHOSPHORYLATION OF TRANSCRIPTION FACTORS AND CONTROL OF THE CELL CYCLE," Crit Rev Eukaryot. Gene Expr. 5(1):1-77 (1995)		
/KCC/	C24	Buchschacher et al., "HUMAN IMMUNODEFICIENCY VIRUS VECTORS FOR INDUCIBLE EXPRESSION OF FOREIGN GENES," J Virol 66(5):2731-2739 (1992)		

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/572,886
				Filing Date	October 3, 2006
				First Named Inventor	MOORE et al.
				Group Art Unit	1653
				Examiner Name	
Sheet	5	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
/KCC/	C25	Burley et al., "THE TATA BINDING PROTEIN," Curr. Opin. Struct. Biol. 6:69-75 (1996)	
	C26	Capecchi et al., "ALTERING THE GENOME BY HOMOLOGOUS RECOMBINATION," Science 244:1288-1292 (1989)	
	C27	Carbonetti et al., "USE OF PERTUSSIS TOXIN VACCINE MOLECULE PT9K/129G TO DELIVER PEPTIDE EPITOPES FOR SIMULATION OF A CYTOTOXIC T LYMPHOCYTE RESPONSE," Abstr. Annu. Meet. Am. Soc. Microbiol. 95:295 (1995)	
	C28	Carreira et al., "BRACHYURY-RELATED TRANSCRIPTION FACTOR TBX2 AND REPRESSION OF THE MELANOCYTE-SPECIFIC TRP-1 PROMOTER," Mol. Cell. Biol. 18(9):5099-5108 (1998)	
	C29	Chehab et al., "CHK2/HCD1 FUNCTIONS AS A DNA DAMAGE CHECKPOINT IN G1 BY STABILIZING P53," Genes Dev 14:278-288 (2000)	
	C30	Cheng, "DNA MODIFICATION BY METHYLTRANSFERASES," Curr. Opin. Struct. Biol. 5(1):4-10 (1995)	
	C31	Chen et al., "THE REGULATOR OF MAT2 (ROM2) PROTEIN BINDS TO EARLY MATURATION PROMOTERS AND REPRESSES PVALF-ACTIVATED TRANSCRIPTION," Plant Cell 8(2):305-321 (1996)	
	C32	Cho et al., "ANALYSIS OF THE C-TERMINAL REGION OF ARABIDOPSIS THALIANA APETALA1 AS A TRANSCRIPTION ACTIVATION DOMAIN," Plant Mol. Biol. 40(3):419-429 (1999)	
	C33	Cho et al., "ANTISENSE DNAs AS MULTISITE GENOMIC MODULATORS IDENTIFIED BY DNA MICROARRAY," PNAS USA 98:9819-9823 (2001)	
	C34	Choo et al., "TOWARD A CODE FOR THE INTERACTIONS OF ZINC FINGERS WITH DNA: SELECTION OF RANDOMIZED FINGERS DISPLAYED ON PHAGE," PNAS 91: 11163-11167 (1994)	
	C35	Choo et al., "SELECTION OF DNA BINDING SITES FOR ZINC FINGERS USING RANDOMIZED DNAs REVEALS CODED INTERACTIONS," PNAS 91: 11168-11172 (1994)	
/KCC/	C36	Ciana et al., "LEUKEMIC TRANSFORMATION BY THE V-ERBA ONCOPROTEIN ENTAILS CONSTITUTIVE BINDING TO AND REPRESSION OF AN ERYTHROID ENHANCER IN VIVO," EMBO J. 17(24):7382-7394 (1998)	

Examiner Signature	/Karen Cochran Carlson, PhD./	Date Considered	April 17, 2008
--------------------	-------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
		Application Number		10/572,886	
		Filing Date		October 3, 2006	
		First Named Inventor		MOORE et al.	
		Group Art Unit		1653	
		Examiner Name			
Sheet	6	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>	
/KCC/	C37	Clarke-Curtiss & Curtiss, "ANALYSIS OF RECOMBINANT DNA USING ESCHERICHIA COLI MINICELLS," Methods in Enzymology 101:347-362 (1983)		
	C38	Colley et al., "CONVERSION OF A GOLGI APPARATUS SIALYLTRANSFERASE TO A SECRETORY PROTEIN BY REPLACEMENT OF THE NH2-TERMINAL SIGNAL ANCHOR WITH A SIGNAL PEPTIDE," J. Biol. Chem. 264(30):17619-17622 (1989)		
	C39	Collingwood et al., "NUCLEAR RECEPTORS: COACTIVATORS, COREPRESSORS AND CHROMATIN REMODELING IN THE CONTROL OF TRANSCRIPTION," J. Mol. Endocrinol. 23(3):255-275 (1999)		
	C40	Cook et al., "THREE CONSERVED TRANSCRIPTIONAL REPRESSOR DOMAINS ARE A DEFINING FEATURE OF THE TIEG SUBFAMILY OF SP1-LIKE ZINC FINGER PROTEINS," J. Biol. Chem. 274(41):29500-29504 (1999)		
	C41	Crepieux et al., "THE ETS FAMILY OF PROTEINS: WEAK MODULATORS OF GENE EXPRESSION IN QUEST FOR TRANSCRIPTIONAL PARTNERS," Crit. Rev. Oncog. 5(6):615-638 (1994)		
	C42	Crystal, "TRANSFER OF GENES TO HUMANS: EARLY LESSONS AND OBSTACLES TO SUCCESS," Science 270(5235):404-410 (1995)		
	C43	Cultraro, et al., "FUNCTION OF THE C-MYC ANTAGONIST MADI DURING A MOLECULAR SWITCH FROM PROLIFERATION TO DIFFERENTIATION," Mol Cell. Biol. 17(5):2353-2359 (1997)		
	C44	Damm et al., "PROTEIN ENCODED BY V-ERBA FUNCTIONS AS A THYROID-HORMONE RECEPTOR ANTAGONIST," Nature 339:593-597 (1989)		
	C45	Deamer & Bangham, "LARGE VOLUME LIPOSOMES BY AN ETHER VAPORIZATION METHOD," Biochim. Biophys. Acta 443(3):629-634 (1976)		
	C46	Desjarlais et al., "TOWARD RULES RELATING ZINC FINGER PROTEIN SEQUENCES AND DNA BINDING SITE PREFERENCES," PNAS USA 89:7345-7349 (1992)		
	C47	Desjarlais et al., "USE OF A ZINC-FINGER CONSENSUS SEQUENCES FRAMEWORK AND SPECIFICITY RULES TO DESIGN SPECIFIC DNA BINDING PROTEINS" PNAS 90: 2256-2260 (1993)		
/KCC/	C48	Desjarlais et al., "LENGTH-ENCODED MULTIPLEX BINDING SITE DETERMINATION: APPLICATION TO ZINC FINGER PROTEINS," PNAS 91: 11099-11103 (1994)		

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/572,886
				Filing Date	October 3, 2006
				First Named Inventor	MOORE et al.
				Group Art Unit	1653
				Examiner Name	
Sheet	7	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
/KCC/	C49	Denisenko et al., "POINT MUTATIONS IN THE WD40 DOMAIN OF EED BLOCK ITS INTERACTION WITH EZH2," Mol. Cell. Biol. 18(10):5634-5642 (1998)	
	C50	Derossi et al., "THE THIRD HELIX OF THE ANTENNAPEDIA HOMEODOMAIN TRANSLOCATES THROUGH BIOLOGICAL MEMBRANES," J. Biol. Chem. 269(14):10444-10450 (1994)	
	C51	Dillon, "REGULATING GENE EXPRESSION IN GENE THERAPY," TIBTECH 11(5):167-175 (1993)	
	C52	Doench et al., "SIRNAS CAN FUNCTION AS MIRNAS," Genes Dev 17:438-442 (2003)	
	C53	Donnelly et al., "TARGETED DELIVERY OF PEPTIDE EPITOPES TO CLASS I MAJOR HISTOCOMPATIBILITY MOLECULES BY A MODIFIED PSEUDOMONAS EXOTOXIN," PNAS 90(8):3530-3534 (1993)	
	C54	Doyle & Hunt, "REDUCED NUCLEAR FACTOR KAPPAB (P65) EXPRESSION IN RAT PRIMARY SENSORY NEURONS AFTER PERIPHERAL NERVE INJURY," Neuroreport 8(13):2937-2942 (1997)	
	C55	Dranoff et al., "A PHASE I STUDY OF VACCINATION WITH AUTOLOGOUS, IRRADIATED MELANOMA CELLS ENGINEERED TO SECRETE HUMAN GRANULOCYTE-MACROPHAGE COLONY STIMULATING FACTOR," Hum Gene Ther. 8(1):111-112 (1997)	
	C56	Eisenberg et al., "PROMOTER DOMAINS REQUIRED FOR EXPRESSION OF PLASMID-BORNE COPIES OF THE HERPES SIMPLEX VIRUS THYMIDINE KINASE GENE IN VIRUS-INFECTED MOUSE FIBROBLASTS AND MICROINJECTED FROG OOCYTES," Mol. Cell. Biol. 5:1940-1947 (1985)	
	C57	Ellem et al., "A CASE REPORT: IMMUNE RESPONSES AND CLINICAL COURSE OF THE FIRST HUMAN USE OF GRANULOCYTE/MACROPHAGE-COLONY-STIMULATING-FACTOR-TRANSDUCE AUTOLOGOUS MELANOMA CELLS FOR IMMUNOTHERAPY," Cancer Immunol Immunother. 44(1):10-20 (1997)	
	C58	Elliott & O'Hare, "INTERCELLULAR TRAFFICKING AND PROTEIN DELIVERY BY A HERPESVIRUS STRUCTURAL PROTEIN," Cell 88(3):223-233 (1997)	
	C59	Epstein et al., "TUMOR-SPECIFIC PAX3-FKHR TRANSCRIPTION FACTOR, BUT NOT PAX3, ACTIVATES THE PLATELET-DERIVED GROWTH FACTOR ALPHA RECEPTOR," Mol. Cell. Biol. 18:4118-4130 (1998)	
<div style="text-align: center;">             /KCC/         </div>	C60	Evans, "THE V-ERBA ONCOGENE IS A THYROID HORMONE RECEPTOR ANTAGONIST," Int. J. Cancer Suppl. 4:26-28 (1989)	

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/572,886
				Filing Date	October 3, 2006
				First Named Inventor	MOORE et al.
				Group Art Unit	1653
				Examiner Name	
Sheet	8	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>1</sup>
/KCC/	C61	Fahraeus et al., "INHIBITION OF PRB PHOSPHORYLATION AND CELL-CYCLE PROGRESSION BY A 20-RESIDUE PEPTIDE DERIVED FROM P16CDKN2/INK4A," Current Biology 6:84 (1996)		
	C62	Fields et al., "A NOVEL GENETIC SYSTEM TO DETECT PROTEIN-PROTEIN INTERACTIONS," Nature 340:245-246 (1989)		
	C63	Fisher et al., "THE WRPW MOTIF OF THE HAIRY-RELATED BASIC HELIX-LOOP-HELIX REPRESSOR PROTEINS ACTS AS A 4-AMINO-ACID TRANSCRIPTION REPRESSION AND PROTEIN-PROTEIN INTERACTION DOMAIN," Mol. Cell. Biol. 16:2670-2677 (1996)		
	C64	Flynn et al., "DNA BINDING DISCRIMINATION OF THE MURINE DNA CYTOSINE-C5 METHYLTRANSFERASE," J. Mol. Biol. 279:101-116 (1998)		
	C65	Fondell et al., "UNLIGANDED THYROID HORMONE RECEPTOR INHIBITS FORMATION OF A FUNCTIONAL PREINITIATION COMPLEX: IMPLICATIONS FOR ACTIVE REPRESSION," Genes Dev 7:1400-1410 (1993)		
	C66	Fondell et al., "UNLIGANDED THYROID HORMONE RECEPTOR ALPHA CAN TARGET TATA-BINDING PROTEIN FOR TRANSCRIPTIONAL REPRESSION," Mol. Cell. Biol. 16:281-287 (1996)		
	C67	Fraley et al., "ENTRAPMENT OF A BACTERIAL PLASMID IN PHOSPHOLIPID VESICLES: POTENTIAL FOR GENE TRANSFER," PNAS 76:3348-3352 (1979)		
	C68	Fraley et al., "EXPRESSION OF BACTERIAL GENES IN PLANT CELLS," PNAS USA 80:4803-4807 (1983)		
	C69	Friedman et al., "KAP-1, A NOVEL COREPRESSOR FOR THE HIGHLY CONSERVED KRAB REPRESSION DOMAIN," Genes Dev 10:2067-2078 (1996)		
	C70	Fromm et al., "EXPRESSION OF GENES TRANSFERRED INTO MONOCOT AND DICOT PLANT CELLS BY ELECTROPORATION," PNAS USA 82:5824-5828 (1985)		
	C71	Gangloff et al., "TRANSCRIPTION, TOPOISOMERASES AND RECOMBINATION," Experientia 50:261-269 (1994)		
/KCC/	C72	Gao et al., "CATIONIC LIPOSOME-MEDIATED GENE TRANSFER," Gene Therapy 2:710-722 (1995)		

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.



Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/572,886
				Filing Date	October 3, 2006
				First Named Inventor	MOORE et al.
				Group Art Unit	1653
				Examiner Name	
Sheet	9	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
/KCC/	C73	Garcia et al., "RYBP, A NEW REPRESSOR PROTEIN THAT INTERACTS WITH COMPONENTS OF THE MAMMALIAN POLYCOMB COMPLEX, AND WITH THE TRANSCRIPTION FACTOR YY1," EMBO J 18(12):3404-3418 (1999)	
	C74	Ginsberg et al., "UP-REGULATION OF MET BUT NOT NEURAL CELL ADHESION MOLECULE EXPRESSION BY THE PAX3-FKHR FUSION PROTEIN IN ALVEOLAR RHABDOMYOSARCOMA," Cancer Res 58(16):3542-3546 (1998)	
	C75	Goff et al., "IDENTIFICATION OF FUNCTIONAL DOMAINS IN THE MAIZE TRANSCRIPTIONAL ACTIVATOR C1: COMPARISON OF WILD-TYPE AND DOMINANT INHIBITOR PROTEINS," Genes Dev. 5(2):298-309 (1991)	
	C76	Gong et al., "A CONSTITUTIVELY EXPRESSED MYC-LIKE GENE INVOLVED IN ANTHOCYANIN BIOSYNTHESIS FROM PERILLA FRUTESCENS: MOLECULAR CHARACTERIZATION, HETEROLOGOUS EXPRESSION IN TRANSGENIC PLANTS AND TRANSACTIVATION IN YEAST Cells," Plant Mol. Biol. 41(1):33-44 (1999)	
	C77	Goodrich et al., "CONTACTS IN CONTEXT: PROMOTER SPECIFICITY AND MACROMOLECULAR INTERACTIONS IN TRANSCRIPTION," Cell 84:825-830 (1996)	
	C78	Goodrich & Tijian, "TBP-TAF COMPLEXES: SELECTIVITY FACTORS FOR EUKARYOTIC TRANSCRIPTION," Curr. Opin. Cell Biol. 6(3):403-409 (1994)	
	C79	Gossen & Bujard "TIGHT CONTROL OF GENE EXPRESSION IN MAMMALIAN CELLS BY TETRACYCLINE-RESPONSIVE PROMOTERS," PNAS USA 89:5547 (1992)	
	C80	Greisman et al., "A GENERAL STRATEGY FOR SELECTING HIGH-AFFINITY ZINC FINGER PROTEINS FOR DIVERSE DNA TARGET SITES," Science 275: 657-661 (1997)	
	C81	Guenther et al., "A CORE SMRT COREPRESSOR COMPLEX CONTAINING HDAC3 AND TBL1, A WD40-REPEAT PROTEIN LINKED TO DEAFNESS," Genes Dev. 14:1048-1057 (2000)	
	C82	Gunster et al., "IDENTIFICATION AND CHARACTERIZATION OF INTERACTIONS BETWEEN THE VERTEBRATE POLYCOMB-GROUP PROTEIN BMI1 AND HUMAN HOMOLOGS OF POLYHOMEOTIC," Mol. Cell. Biol. 17:2326-2335 (1997)	
	C83	Gupta et al., "MMIP1: A NOVEL LEUCINE ZIPPER PROTEIN THAT REVERSES THE SUPPRESSIVE EFFECTS OF MAD FAMILY MEMBERS ON C-MYC," Oncogene 16:1149-1159 (1998)	
/KCC/	C84	Hagmann et al., "THE VP16 PARADOX: HERPES SIMPLEX VIRUS VP16 CONTAINS A LONG-RANGE ACTIVATION DOMAIN BUT WITHIN THE NATURAL MULTIPROTEIN COMPLEX ACTIVATES ONLY FROM PROMOTER-PROXIMAL POSITIONS," J. Virol. 71:5952-5962 (1997)	

Examiner Signature	/Karen Cochrane Carlson, Ph.D./	Date Considered	April 17, 2008
--------------------	---------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
		Application Number	10/572,886		
		Filing Date	October 3, 2006		
		First Named Inventor	MOORE et al.		
		Group Art Unit	1653		
		Examiner Name			
Sheet	10	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
/KCC/	C85	Han et al., "LIGAND-DIRECTED RETROVIRAL TARGETING OF HUMAN BREAST CANCER CELLS," PNAS USA 92:9747-9751 (1995)	
	C86	Hassig et al., "TRANSCRIPTION REPRESSION BY XENOPUS ET AND ITS HUMAN ORTHOLOG TBX3, A GENE INVOLVED IN ULNAR-MAMMARY SYNDROME," PNAS 95:3519-3524 (1998)	
	C87	He et al., "TRANSCRIPTION REPRESSION BY XENOPUS ET AND ITS HUMAN ORTHOLOG TBX3, A GENE INVOLVED IN ULNAR-MAMMARY SYNDROME," PNAS USA 96:10,212-10,217 (1999)	
	C88	Hemenway et al., "THE BMI-1 ONCOPROTEIN INTERACTS WITH DING AND MPH2: THE ROLE OF RING FINGER DOMAINS," Oncogene 16:2541-2547 (1998)	
	C89	Hendrich et al., "GENOMIC STRUCTURE AND CHROMOSOMAL MAPPING OF THE MURINE AND HUMAN MBD1, MBD2, MBD3, AND MBD4 GENES," Mamm Genome 10:906-912 (1999)	
	C90	Heppard et al., "DEVELOPMENTAL AND GROWTH TEMPERATURE REGULATION OF TWO DIFFERENT MICROSOMAL [OMEGA]-6 DESATURASE GENES IN SOYBEANS," Plant Physiol 110:311-319 (1996)	
	C91	Hermonat et al., "USE OF ADENO-ASSOCIATED VIRUS AS A MAMMALIAN DNA CLONING VECTOR: TRANSDUCTION OF NEOMYCIN RESISTANCE INTO MAMMALIAN TISSUE CULTURE CELLS," PNAS 81:6466-6470 (1984)	
	C92	Hirao et al., "DNA DAMAGE-INDUCED ACTIVATION OF P53 BY THE CHECKPOINT KINASE CHK2," Science 287:1824-1827 (2000)	
	C93	Ho et al., "DIMERIC LIGANDS DEFINE A ROLE FOR TRANSCRIPTIONAL ACTIVATION DOMAINS IN REINITIATION," Nature 382:822-826 (1996)	
	C94	Hobo et al., "A BZIP FACTOR, TRAB1, INTERACTS WITH VP1 AND MEDIATES ABSCISIC ACID-INDUCED TRANSCRIPTION," PNAS USA 96:15,348-15,353 (1999)	
	C95	Hope et al., "PRODUCTION OF LARGE UNILAMELLAR VESICLES BY A RAPID EXTRUSION PROCEDURE. CHARACTERIZATION OF SIZE DISTRIBUTION, TRAPPED VOLUME AND ABILITY TO MAINTAIN A MEMBRANE POTENTIAL," Biochim. Biophys. Acta 812:55-65 (1985)	
↓ /KCC/	C96	Hope et al., "GENERATION OF MULTILAMELLAR AND UNILAMELLAR PHOSPHOLIPID VESICLES," Chem. Phys. Lip. 40:89-107 (1986)	

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/572,886
				Filing Date	October 3, 2006
				First Named Inventor	MOORE et al.
				Group Art Unit	1653
				Examiner Name	
Sheet	11	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
/KCC/	C97	Horsch et al., "INHERITANCE OF FUNCTIONAL FOREIGN GENES IN PLANTS," Science 233:496-498 (1984)	
	C98	Hurlin et al., "THE MAX TRANSCRIPTION FACTOR NETWORK: INVOLVEMENT OF MAD IN DIFFERENTIATION AND AN APPROACH TO IDENTIFICATION OF TARGET GENES," Cold Spring Harb. Symp. Quant. Biol. 59:109-116 (1994)	
	C99	Inaba et al., "GENERATION OF LARGE NUMBERS OF DENDRITIC CELLS FROM MOUSE BONE MARROW CULTURES SUPPLEMENTED WITH GRANULOCYTE/MACROPHAGE COLONY-STIMULATING FACTOR," J Exp Med 176:1693-1702 (1992)	
	C100	Isalan et al., "A RAPID, GENERALLY APPLICABLE METHOD TO ENGINEER ZINC FINGERS ILLUSTRATED BY TARGETING THE HIV-1 PROMOTER," Nat Biotechnol 19:656-660 (2001)	
	C101	Jackson et al., "PHOSPHORYLATION OF TRANSCRIPTION FACTOR SP1 BY THE DNA-DEPENDENT PROTEIN KINASE," Adv. Second Messenger Phosphoprotein Res. 28:279-286 (1993)	
	C102	Jackson et al., "EXPRESSION PROFILING REVEALS OFF-TARGET GENE REGULATION BY RNAI," Nat Biotechnol 21:635-637 (2003)	
	C103	Jacobs, G. H., "DETERMINATION OF THE BASE RECOGNITION POSITIONS OF ZINC FINGERS FROM SEQUENCE ANALYSIS," EMBO J. 11(12): 4507-4517 (1992)	
	C104	Jamieson et al., "IN VITRO SELECTION OF ZINC FINGERS WITH ALTERED DNA-BINDING SPECIFICITY," Biochemistry 33:5689-5695 (1994)	
	C105	Jamieson et al., "DRUG DISCOVERY WITH ENGINEERED ZINC FINGER PROTEINS," Nat Rev Drug Discov 2:361-368 (2003)	
	C106	Jin & Scotto, "TRANSCRIPTIONAL REGULATION OF THE MDR1 GENE BY HISTONE ACETYLTRANSFERASE AND DEACETYLASE IS MEDIATED BY NF-Y," Mol. Cell. Biol. 18:4377-4384 (1998)	
	C107	Johann et al., "GLVR1, A RECEPTOR FOR GIBBON APE LEUKEMIA VIRUS, IS HOMOLOGOUS TO A PHOSPHATE PERMEASE OF NEUROSPORA CRASSA AND IS EXPRESSED AT HIGH LEVELS IN THE BRAIN AND THYMUS," J Virol 66:1635-1640 (1992)	
/KCC/	C108	Jones et al., "REPLACING THE COMPLEMENTARITY-DETERMINING REGIONS IN A HUMAN ANTIBODY WITH THOSE FROM A MOUSE," Nature 321: 522-525 (1986)	

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
		Application Number		10/572,886	
		Filing Date		October 3, 2006	
		First Named Inventor		MOORE et al.	
		Group Art Unit		1653	
		Examiner Name			
Sheet	12	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
/KCC/	C109	Khanna et al., "ATM ASSOCIATES WITH AND PHOSPHORYLATES P53: MAPPING THE REGION OF INTERACTION," Nat Genet 20:398-400 (1998)	
	C110	Kaiser et al., "THE HUMAN GENERAL CO-FACTORS," Trends Biochem. Sci. 21:342-345 (1996)	
	C111	Kanei-Ishii et al., "STRUCTURE AND FUNCTION OF THE PROTEINS ENCODED BY THE MYB GENE FAMILY," Curr. Top. Microbiol. Immunol. 211:89-98 (1996)	
	C112	Kearns et al., "RECOMBINANT ADENO-ASSOCIATED VIRUS (AAV-CFTR) VECTORS DO NOT INTEGRATE IN A SITE-SPECIFIC FASHION IN AN IMMORTALIZED EPITHELIAL CELL LINE," Gene Ther. 9:748-755 (1996)	
	C113	Kim et al., "HYBRID RESTRICTION ENZYMES: ZINC FINGER FUSIONS FOK I CLEAVAGE DOMAIN," PNAS 93: 1156-1160 (1996)	
	C114	Kim et al., "TRANSCRIPTIONAL REPRESSION BY ZINC FINGER PEPTIDES. EXPLORING THE POTENTIAL FOR APPLICATIONS IN GENE THERAPY" J. Biol. Chem. 272: 29795-29800 (1997)	
	C115	Kim et al., "TIN2, A NEW REGULATOR OF TELOMERE LENGTH IN HUMAN CELLS," Nat Genet. 23:405-412 (1999)	
	C116	Klee et al., "AGROBACTERIUM-MEDIATED PLANT TRANSFORMATION AND ITS FURTHER APPLICATIONS TO PLANT BIOLOGY," Ann. Rev. of Plant Phys. 38:467-486 (1987)	
	C117	Klein et al., "HIGH-VELOCITY MICROPROJECTILES FOR DELIVERING NUCLEIC ACIDS INTO LIVING Cells," Nature 327:70-73 (1987)	
	C118	Klemm et al., "DIMERIZATION AS A REGULATORY MECHANISM IN SIGNAL TRANSDUCTION," Annu Rev Immunol 16:569-592 (1998)	
	C119	Klimpel et al., "ANTHRAX TOXIN PROTECTIVE ANTIGEN IS ACTIVATED BY A CELL SURFACE PROTEASE WITH THE SEQUENCE SPECIFICITY AND CATALYTIC PROPERTIES OF FURIN," PNAS USA 89:10277-10281 (1992)	
/KCC/	C120	Knoepfler et al., "SIN MEETS NURD AND OTHER TAILS OF REPRESSION," Cell 99:447-450 (1999)	

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008/Karen Cochrane Carlson, PhD./
--------------------	--------------------------------	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/572,886
				Filing Date	October 3, 2006
				First Named Inventor	MOORE et al.
				Group Art Unit	1653
				Examiner Name	
Sheet	13	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>1</sup>
/KCC/	C121	Kohn et al., "ENGRAFTMENT OF GENE-MODIFIED UMBILICAL CORD BLOOD CELLS IN NEONATES WITH ADENOSINE DEAMINASE DEFICIENCY," Nat Med 1:1017-1102 (1995)		
	C122	Kotin, "PROSPECTS FOR THE USE OF ADENO-ASSOCIATED VIRUS AS A VECTOR FOR HUMAN GENE THERAPY," Hum. Gene Ther. 5:793-801 (1994)		
	C123	Kremer & Perricaudet, "ADENOVIRUS AND ADENO-ASSOCIATED VIRUS MEDIATED GENE TRANSFER," British Medical Bulletin 51(1):31-44 (1995)		
	C124	Laherty et al., "HISTONE DEACETYLASES ASSOCIATED WITH THE MSIN3 COREPRESSOR MEDIATE MAD TRANSCRIPTIONAL REPRESSION," Cell 89:349-356 (1997)		
	C125	Lai et al., "RBP1 INDUCES GROWTH ARREST BY REPRESSION OF E2F-DEPENDENT TRANSCRIPTION," Oncogene 18:2091-2100 (1999)		
	C126	Lai et al., "RBP1 RECRUITS BOTH HISTONE DEACETYLASE-DEPENDENT AND -INDEPENDENT REPRESSION ACTIVITIES TO RETINOBLASTOMA FAMILY PROTEINS," Mol. Cell. Biol. 19:6632-6641 (1999)		
	C127	Lai et al., "RBP1 RECRUITS THE MSIN3-HISTONE DEACETYLASE COMPLEX TO THE POCKET OF RETINOBLASTOMA TUMOR SUPPRESSOR FAMILY PROTEINS FOUND IN LIMITED DISCRETE REGIONS OF THE NUCLEUS AT GROWTH ARREST," Mol. Cell. Biol. 21:2918-2932 (2001)		
	C128	Lapierre et al., "IDENTIFICATION OF A NOVEL TRANSCRIPTIONAL REPRESSOR ENCODED BY HUMAN CYTOMEGALOVIRUS," J. Virol. 75:6062-6069 (2001)		
	C129	Larsson et al., "ANALYSIS OF THE DNA-BINDING ACTIVITIES OF MYC/MAX/MAD NETWORK COMPLEXES DURING INDUCED DIFFERENTIATION OF U-937 MONOBLASTS AND F9 TERATOCARCINOMA CELLS," Oncogene 15:737-748 (1997)		
	C130	Lehmann, "THE MOLECULAR BIOLOGY OF NUCLEOTIDE EXCISION REPAIR AND DOUBLE-STRAND BREAK REPAIR IN EUKARYOTES," Genet. Eng. 17:1-19 (1995)		
	C131	Lemon et al., "NUCLEAR RECEPTOR COFACTORS AS CHROMATIN REMODELERS," Curr. Opin. Genet. Dev. 9:499-504 (1999)		
/KCC/	C132	Leo et al., "THE SRC FAMILY OF NUCLEAR RECEPTOR COACTIVATORS," Gene 245:1-11 (2000)		

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/572,886
				Filing Date	October 3, 2006
				First Named Inventor	MOORE et al.
				Group Art Unit	1653
				Examiner Name	
Sheet	14	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
/KCC/	C133	Leonetti et al., "ANTIBODY-TARGETED LIPOSOMES CONTAINING OLIGODEOXYRIBONUCLEOTIDES COMPLEMENTARY TO VIRAL RNA SELECTIVELY INHIBIT VIRAL REPLICATION," PNAS 87:2448-2451 (1990)	
	C134	Li et al., "BOTH COREPRESSOR PROTEINS SMRT AND N-COR EXIST IN LARGE PROTEIN COMPLEXES CONTAINING HDAC3," EMBO J. 19:4342-4350 (2000)	
	C135	Liang et al., "ACTIVATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR A TRANSCRIPTION IN TUMORIGENIC GLIOBLASTOMA CELL LINES BY AN ENHANCER WITH CELL TYPE-SPECIFIC DNASE I ACCESSIBILITY," J Biol Chem 277:20087-20094 (2002)	
	C136	Lin et al., "INHIBITION OF NUCLEAR TRANSLOCATION OF TRANSCRIPTION FACTOR NF-KAPPA B BY A SYNTHETIC PEPTIDE CONTAINING A CELL MEMBRANE-PERMEABLE MOTIF AND NUCLEAR LOCALIZATION SEQUENCE," J. Biol. Chem. 270:14255-14258 (1995)	
	C137	Liu et al., "SUPPRESSION OF GROWTH AND TRANSFORMATION AND INDUCTION OF APOPTOSIS BY EGR-1," Cancer Gene Ther. 5:3-28 (1998)	
	C138	Liu et al., "REGULATION OF AN ENDOGENOUS LOCUS USING A PANEL OF DESIGNED ZINC FINGER PROTEINS TARGETED TO ACCESSIBLE CHROMATIN REGIONS ACTIVATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR A," J Biol Chem 276(14):11323-11334 (2001)	
	C139	Liu et al., "DESIGN OF POLYDACTYL ZINC-FINGER PROTEINS FOR UNIQUE ADDRESSING WITHIN COMPLEX GENOMES," PNAS 94: 5525-5530 (1997)	
	C140	Malech et al., "PROLONGED PRODUCTION OF NADPH OXIDASE-CORRECTED GRANULOCYTES AFTER GENE THERAPY OF CHRONIC GRANULOMATOUS DISEASE," PNAS 94(22):12133-12138 (1997)	
	C141	Malik et al., "TRANSCRIPTIONAL REGULATION THROUGH MEDIATOR-LIKE COACTIVATORS IN YEAST AND METAZOAN CELLS," Trends Biochem. Sci. 25:277-283 (2000)	
	C142	Manteuffel-Cymborowska, "NUCLEAR RECEPTORS, THEIR COACTIVATORS AND MODULATION OF TRANSCRIPTION," Acta Biochim. Pol. 46:77-89 (1999)	
	C143	Margolin et al., "KRUPPEL-ASSOCIATED BOXES ARE POTENT TRANSCRIPTIONAL REPRESSION DOMAINS," PNAS USA 91:4509-4513 (1994)	
/KCC/	C144	Martinez et al., "A HUMAN SPT3-TAFII31-GCN5-L ACETYLASE COMPLEX DISTINCT FROM TRANSCRIPTION FACTOR IID," J. Biol. Chem. 273:23781-23785 (1998)	

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/572,886
				Filing Date	October 3, 2006
				First Named Inventor	MOORE et al.
				Group Art Unit	1653
				Examiner Name	
Sheet	15	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
/KCC/	C145	Matson et al., "DNA HELICASES: ENZYMES WITH ESSENTIAL ROLES IN ALL ASPECTS OF DNA METABOLISM," Bioessays 16:13-22 (1994)	
	C146	Matsuoka et al., "ATAXIA TELANGIECTASIA-MUTATED PHOSPHORYLATES CHK2 IN VIVO AND IN VITRO," PNAS USA 97:10389-10394 (2000)	
	C147	Maxon et al., "ASH1P IS A SITE-SPECIFIC DNA-BINDING PROTEIN THAT ACTIVELY REPRESSES TRANSCRIPTION," PNAS USA 98:1495-1500 (2001)	
	C148	Mayer et al., "VESICLES OF VARIABLE SIZES PRODUCED BY A RAPID EXTRUSION PROCEDURE," Biochim. Biophys. Acta 858:161-168 (1986)	
	C149	McGowan et al., "CHECKING IN ON CDSL (CHK2): A CHECKPOINT KINASE AN TUMOR SUPPRESSOR," Bioessays 24:502-511 (2002)	
	C150	McKenna et al., "NUCLEAR RECEPTOR COACTIVATORS: MULTIPLE ENZYMES, MULTIPLE COMPLEXES, MULTIPLE FUNCTIONS," J. Steroid Biochem. Mol. Biol. 69:3-12 (1999)	
	C151	Meier, "CO-ACTIVATORS AND CO-REPRESSORS: MEDIATORS OF GENE ACTIVATION BY NUCLEAR HORMONE RECEPTORS," Eur J Endocrinol 134(2):158-159 (1996)	
	C152	Melchionna et al., "THREONINE 68 IS REQUIRED FOR RADIATION-INDUCED PHOSPHORYLATION AND ACTIVATION OF CDS1," Nat Cell Biol 2:762-765 (2000)	
	C153	Miller, "HUMAN GENE THERAPY COMES OF AGE," Nature 357:455-460 (1992)	
	C154	Miller et al., "CONSTRUCTION AND PROPERTIES OF RETROVIRUS PACKAGING CELLS BASED ON GIBBON APE LEUKEMIA VIRUS," J. Virol. 65:2220-2224 (1991)	
	C155	Misteli & Spector, "APPLICATIONS OF THE GREEN FLUORESCENT PROTEIN IN CELL BIOLOGY AND BIOTECHNOLOGY," Nature Biotechnology 15:961-964 (1997)	
↓ /KCC/	C156	Mitani & Caskey, "DELIVERING THERAPEUTIC GENES--MATCHING APPROACH AND APPLICATION," TIBTECH 11:162-166 (1993)	

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/572,886
				Filing Date	October 3, 2006
				First Named Inventor	MOORE et al.
				Group Art Unit	1653
				Examiner Name	
Sheet	16	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>	
/KCC/	C157	Moore et al., "IMPROVED DNA BINDING SPECIFICITY FROM POLYZINC FINGER PEPTIDES BY USING STRINGS OF TWO-FINGER UNITS," PNAS USA 98:1437-1441 (2001)		
	C158	Moore et al., "DESIGN OF POLYZINC FINGER PEPTIDES WITH STRUCTURED LINKERS," PNAS USA 98:1432-1436 (2001)		
	C159	Morrison, "TRANSFORMATION IN ESCHERICHIA COLI: CRYOGENIC PRESERVATION OF COMPETENT CELLS," J. Bact. 132:349-351 (1977)		
	C160	Muzyczka, "ADENO-ASSOCIATED VIRUS (AAV) VECTORS: WILL THEY WORK?," J Clin Invest 94:1351 (1994)		
	C161	Nabel & Felgner, "DIRECT GENE TRANSFER FOR IMMUNOTHERAPY AND IMMUNIZATION," TIBTECH 11:211-217 (1993)		
	C162	Nebert, "TRANSCRIPTION FACTORS AND CANCER: AN OVERVIEW," Toxicology 181-182:131-141 (2002)		
	C163	Neering et al., "TRANSDUCTION OF PRIMITIVE HUMAN HEMATOPOIETIC CELLS WITH RECOMBINANT ADENOVIRUS VECTORS," Blood 88:1147-1155 (1996)		
	C164	Novak et al., "FUNCTIONAL CHARACTERIZATION OF PROTEASE-TREATED BACILLUS ANTHRACIS PROTECTIVE ANTIGEN," J. Biol. Chem. 267:17186-17193 (1992)		
	C165	Ohtsuka et al., "AN ALTERNATIVE APPROACH TO DEOXYOLIGONUCLEOTIDES AS HYBRIDIZATION PROBES BY INSERTION OF DEOXYINOSINE AT AMBIGUOUS CODON POSITIONS," J. Biol. Chem. 260:2605-2608 (1985)		
	C166	Okanami et al., "HALF-1, A BZIP-TYPE PROTEIN, INTERACTING WITH THE WHEAT TRANSCRIPTION FACTOR HBP-1A CONTAINS A NOVEL TRANSCRIPTIONAL ACTIVATION DOMAIN," Genes Cells 1:87-99 (1996)		
	C167	Okano et al., "DNMT2 IS NOT REQUIRED FOR DE NOVO AND MAINTENANCE METHYLATION OF VIRAL DNA IN EMBRYONIC STEM CELLS," Nucleic Acids Res. 26:2536-2540 (1998)		
/KCC/	C168	Oligino et al., "DRUG INDUCIBLE TRANSGENE EXPRESSION IN BRAIN USING A HERPES SIMPLEX VIRUS VECTOR," Gene Ther. 5:491-496 (1998)		

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.



Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/572,886
				Filing Date	October 3, 2006
				First Named Inventor	MOORE et al.
				Group Art Unit	1653
				Examiner Name	
Sheet	17	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>1</sup>
/KCC/	C169	O'Shea et al., "X-RAY STRUCTURE OF THE GCN4 LEUCINE ZIPPER, A TWO-STRANDED, PARALLEL COILED COIL," Science 254:539-544 (1991)		
	C170	Pain et al., "THE CARBONIC ANHYDRASE II GENE, A GENE REGULATED BY THYROID HORMONE AND ERYTHROPOIETIN, IS REPRESSED BY THE V-ERBA ONCOGENE IN ERYTHROCYTIC CELLS," New Biol. 2:284-294 (1990)		
	C171	Palva et al., "SECRETION OF INTERFERON BY BACILLUS SUBTILIS," Gene 22:229-235 (1983)		
	C172	Pear et al., "PRODUCTION OF HIGH-TITER HELPER-FREE RETROVIRUSES BY TRANSIENT TRANSFECTION," PNAS USA 90:8392-8396 (1993)		
	C173	Pengue et al., "REPRESSION OF TRANSCRIPTIONAL ACTIVITY AT A DISTANCE BY THE EVOLUTIONARILY CONSERVED KRAB DOMAIN PRESENT IN A SUBFAMILY OF ZINC FINGER PROTEINS," Nucl. Acids Res. 22:2908-2914 (1994)		
	C174	Perelle et al., "CHARACTERIZATION OF CLOSTRIDIUM PERFRINGENS IOTA-TOXIN GENES AND EXPRESSION IN ESCHERICHIA COLI," Infect. Immun. 61:5147-5156 (1993)		
	C175	Pomerantz et al., "STRUCTURE-BASED DESIGN OF A DIMERIC ZINC FINGER PROTEIN," Biochem 37:965-970 (1998)		
	C176	Pomerantz et al., "STRUCTURE-BASED DESIGN OF TRANSCRIPTION FACTORS," Science 267: 93-96 (1995)		
	C177	Pomerantz et al., "ANALYSIS OF HOMEODOMAIN FUNCTION BY STRUCTURE-BASED DESIGN OF A TRANSCRIPTION FACTOR," PNAS 92: 9752-9756 (1995)		
	C178	Prochiantz, "GETTING HYDROPHILIC COMPOUNDS INTO CELLS: LESSONS FROM HOMEPEPTIDES," Current Opinion in Neurobiology 6:629-634 (1996)		
	C179	Rebar et al., "INDUCTION OF ANGIOGENESIS IN A MOUSE MODEL USING ENGINEERED TRANSCRIPTION FACTORS," Nat Med 8:1427-1432 (2002)		
↓ /KCC/	C180	Rebar et al., "ZINC FINGER PHAGE: AFFINITY SELECTION OF FINGERS WITH NEW DNA-BINDING SPECIFICITIES," Science 263: 671-673 (1994)		

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/572,886
				Filing Date	October 3, 2006
				First Named Inventor	MOORE et al.
				Group Art Unit	1653
				Examiner Name	
Sheet	18	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>1</sup>
/KCC/	C181	Reid et al., "SELECTIVE INHIBITION OF DNA METHYLTRANSFERASE ENZYMES AS A NOVEL STRATEGY FOR CANCER TREATMENT," Curr Opin Mol Ther 4:130-137 (2002)		
	C182	Remy et al., "GENE TRANSFER WITH A SERIES OF LIPOPHILIC DNA-BINDING MOLECULES," Bioconjugate Chem 5:647-654 (1994)		
	C183	Ren et al., "PPAR $\gamma$ KNOCKDOWN BY ENGINEERED TRANSCRIPTION FACTORS: EXOGENOUS PPAR $\gamma$ 2 BUT NOT PPAR $\gamma$ 1 REACTIVATES ADIPOGENESIS," Genes Dev 16:27-32 (2002)		
	C184	Rendahl et al., "REGULATION OF GENE EXPRESSION IN VIVO FOLLOWING TRANSDUCTION BY TWO SEPARATE RAAV VECTORS," Nat. Biotechnol 16:757-761 (1998)		
	C185	Renneisen et al., "INHIBITION OF EXPRESSION OF HUMAN IMMUNODEFICIENCY VIRUS-1 IN VITRO BY ANTIBODY-TARGETED LIPOSOMES CONTAINING ANTISENSE RNA TO THE ENV REGION," J. Biol. Chem. 265:16337-16342 (1990)		
	C186	Reynolds et al., "REPRESSION OF THE HIV-1 5' LTR PROMOTER AND INHIBITION OF HIV-1 REPLICATION BY USING ENGINEERED ZINC-FINGER TRANSCRIPTION FACTORS," PNAS USA 100:1615-1620 (2003)		
	C187	Robertson et al., "DNMT1 FORMS A COMPLEX WITH RB, E2F1 AND HDAC1 AND REPRESSES TRANSCRIPTION FROM E2F-RESPONSIVE PROMOTERS," Nature Genet. 25:338-342 (2000)		
	C188	Robyr et al., "NUCLEAR HORMONE RECEPTOR COREGULATORS IN ACTION: DIVERSITY FOR SHARED TASKS," Mol. Endocrinol 14:329-347 (2000)		
	C189	Roeder, "NUCLEAR RNA POLYMERASES: ROLE OF GENERAL INITIATION FACTORS AND COFACTORS IN EUKARYOTIC TRANSCRIPTION," Methods Enzymol 273:165-171 (1996)		
	C190	Rogers et al., "GENE TRANSFER IN PLANTS: PRODUCTION OF TRANSFORMED PLANTS USING TI PLASMID VECTORS," Methods Enzymol. 118:627-641 (1986)		
	C191	Rosen et al., "INTRACELLULAR RECEPTORS AND SIGNAL TRANSDUCERS AND ACTIVATORS OF TRANSCRIPTION SUPERFAMILIES: NOVEL TARGETS FOR SMALL-MOLECULE DRUG DISCOVERY," J Med Chem 38:4855-4874 (1995)		
/KCC/	C192	Rossolini et al., "USE OF DEOXYINOSINE-CONTAINING PRIMERS VS DEGENERATE PRIMERS FOR POLYMERASE CHAIN REACTION BASED ON AMBIGUOUS SEQUENCE INFORMATION," Mol. Cell. Probes 8:91-98 (1994)		

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008/Karen Cochrane Carlson, PhD./
--------------------	--------------------------------	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/572,886
				Filing Date	October 3, 2006
				First Named Inventor	MOORE et al.
				Group Art Unit	1653
				Examiner Name	
Sheet	19	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>1</sup>
/KCC/	C193	Rubio et al., "REVERSIBLE MANIPULATION OF TELOMERASE EXPRESSION AND TELOMERE LENGTH. IMPLICATIONS FOR THE IONIZING RADIATION RESPONSE AND REPLICATIVE SENESCENCE OF HUMAN CELLS," J Biol Chem 277:28609-28617 (2002)		
	C194	Ryan et al., "MYC ONCOGENES: THE ENIGMATIC FAMILY," Biochem. J. 314:713-721 (1996)		
	C195	Sabbattini et al., "BINDING OF IKAROS TO THE LAMBDA5 PROMOTER SILENCES TRANSCRIPTION THROUGH A MECHANISM THAT DOES NOT REQUIRE HETEROCHROMATIN FORMATION," EMBO J. 20:2812-2822 (2001)		
	C196	Sadowski, "SITE-SPECIFIC GENETIC RECOMBINATION: HOPS, FLIPS, AND FLOPS," FASEB J. 7:760-767 (1993)		
	C197	Sakaguchi et al., "DNA DAMAGE ACTIVATES P53 THROUGH A PHOSPHORYLATION-ACETYLATION CASCADE," Genes Dev. 12:2831-2841 (1998)		
	C198	Satijn et al., "RING1 IS ASSOCIATED WITH THE POLYCOMB GROUP PROTEIN COMPLEX AND ACTS AS A TRANSCRIPTIONAL REPRESSOR," Mol. Cell. Biol. 17:4105-4113 (1997)		
	C199	Samulski et al., "HELPER-FREE STOCKS OF RECOMBINANT ADENO-ASSOCIATED VIRUSES: NORMAL INTEGRATION DOES NOT REQUIRE VIRAL GENE EXPRESSION," J. Virol. 63:3822-3828 (1989)		
	C200	Sancar, "DNA REPAIR IN HUMANS," Ann. Rev. Genet. 29:69-105 (1995)		
	C201	Sap et al., "REPRESSION OF TRANSCRIPTION MEDIATED AT A THYROID HORMONE RESPONSE ELEMENT BY THE V-ERB-A ONCOGENE PRODUCT," Nature 340:242-244 (1989)		
	C202	Schonthal, "REGULATION OF GENE EXPRESSION BY SERINE/THREONINE PROTEIN PHOSPHATASES," Semin Cancer Biol 6:239-248 (1995)		
	C203	Sebo et al., "CELL-INVASIVE ACTIVITY OF EPITOPE-TAGGED ADENYLATE CYCLASE OF BORDETELLA PERTUSSIS ALLOWS IN VITRO PRESENTATION OF A FOREIGN EPITOPE TO CD8+ CYTOTOXIC T CELLS," Infect Immun 63:3851-3857 (1995)		
/KCC/	C204	Seipel et al., "DIFFERENT ACTIVATION DOMAINS SIMULATE TRANSCRIPTION FROM REMOTE ('ENHANCER') AND PROXIMAL ('PROMOTER') POSITIONS," EMBO J. 11:4961-4968 (1996)		

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/572,886
				Filing Date	October 3, 2006
				First Named Inventor	MOORE et al.
				Group Art Unit	1653
				Examiner Name	
Sheet	20	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>	
/KCC/	C205	Sgouras et al., "ERF: AN ETS DOMAIN PROTEIN WITH STRONG TRANSCRIPTIONAL REPRESSOR ACTIVITY, CAN SUPPRESS ETS-ASSOCIATED TUMORIGENESIS AND IS REGULATED BY PHOSPHORYLATION DURING CELL CYCLE AND MITOGENIC STIMULATION," EMBO J. 14:4781-4793 (1995)		
	C206	Shieh et al., "DNA DAMAGE-INDUCED PHOSPHORYLATION OF P53 ALLEVIATES INHIBITION BY MDM2," Cell 91:325-334 (1997)		
	C207	Shieh et al., "THE HUMAN HOMOLOGS OF CHECKPOINT KINASES CHK1 AND CDS1 (CHK2) PHOSPHORYLATE P53 AT MULTIPLE DNA DAMAGE-INDUCIBLE SITES," Genes Dev 14:289-300 (2000)		
	C208	Simon, "GOTTA HAVE GATA," Nat Genet 11:9-11 (1995)		
	C209	Snowden et al., "GENE-SPECIFIC TARGETING OF H3K9 METHYLATION IS SUFFICIENT FOR INITIATING REPRESSION IN VIVO," Curr Biol 12:2159-2166 (2002)		
	C210	Sommer et al., "IDENTIFICATION AND CHARACTERIZATION OF SPECIFIC DNA-BINDING COMPLEXES CONTAINING MEMBERS OF THE MYC/MAX/MAD NETWORK OF TRANSCRIPTIONAL REGULATORS," J Biol Chem 273:6632-6642 (1998)		
	C211	Sommerfelt et al., "RECEPTOR INTERFERENCE GROUPS OF 20 RETROVIRUSES PLATING ON HUMAN CELLS," Virology 176:58-59 (1990)		
	C212	Sprenger-Hausells et al., "TRANSACTIVATION PROPERTIES OF PARSLEY PROLINE-RICH BZIP TRANSCRIPTION FACTORS," Plant J. 22:1-8 (2000)		
	C213	Stenmark et al., "PEPTIDES FUSED TO THE AMINO-TERMINAL END OF DIPHTHERIA TOXIN ARE TRANSLOCATED TO THE CYTOSOL," J. Cell. Biol. 113:1025-1032 (1991)		
	C214	Sterman et al., "ADENOVIRUS-MEDIATED HERPES SIMPLEX VIRUS THYMIDINE KINASE/GANCICLOVIR GENE THERAPY IN PATIENTS WITH LOCALIZED MALIGNANCY: RESULTS OF A PHASE I CLINICAL TRIAL IN MALIGNANT MESOTHELIOMA," Hum. Gene Ther. 7:1083-1089 (1998)		
	C215	Stunnenberg et al., "LEUKEMIA: THE SOPHISTICATED SUBVERSION OF HEMATOPOIESIS BY NUCLEAR RECEPTOR ONCOPROTEINS," Biochim Biophys Acta, 1423(1):F15-33 (1999)		
↓ /KCC/	C216	Sucov et al., "RETINOIC ACID AND RETINOIC ACID RECEPTORS IN DEVELOPMENT," Mol Neurobiol 10(2-3):169-184 (1995)		

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/572,886
				Filing Date	October 3, 2006
				First Named Inventor	MOORE et al.
				Group Art Unit	1653
				Examiner Name	
Sheet	21	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>	
/KCC/	C217	Syntichaki and Thireos, "THE GCN5.ADA COMPLEX POTENTIATES THE HISTONE ACETYLTRANSFERASE ACTIVITY OF GCN5," J. Biol Chem. 273:24414-24419 (1998)		
	C218	Takai et al., "HK-2 DEFICIENT MICE EXHIBIT RADIORESISTANCE AND DEFECTIVE P53-MEDIATED TRANSCRIPTION," EMBO J. 21:5195-5205 (2002)		
	C219	Taunton et al., "A MAMMALIAN HISTONE DEACETYLASE RELATED TO THE YEAST TRANSCRIPTIONAL REGULATOR RPD3P," Science 272:408-411 (1996)		
	C220	Thiesen, "MULTIPLE GENES ENCODING ZINC FINGER DOMAINS ARE EXPRESSED IN HUMAN T CELLS," New Biologist 2:363-374 (1990)		
	C221	Topf et al., "REGIONAL 'PRO-DRUG' GENE THERAPY: INTRAVENOUS ADMINISTRATION OF AN ADENOVIRAL VECTOR EXPRESSING THE E. COLI CYTOSINE DEAMINASE GENE AND SYSTEMIC ADMINISTRATION OF 5-FLUOROCYTOSINE SUPPRESSES GROWTH OF HEPATIC METASTASIS OF COLON CARCINOMA," Gene Ther 5:507-513 (1998)		
	C222	Tora et al., "THE CLONED HUMAN OESTROGEN RECEPTOR CONTAINS A MUTATION WHICH ALTERS ITS HORMONE BINDING PROPERTIES," Embo J. 8:1981-1986 (1989)		
	C223	Torchia et al., "CO-ACTIVATORS AND CO-REPRESSORS IN THE INTEGRATION OF TRANSCRIPTIONAL RESPONSES," Curr. Opin. Cell. Biol. 10:373-383 (1998)		
	C224	Tratschin et al., "ADENO-ASSOCIATED VIRUS VECTOR FOR HIGH-FREQUENCY INTEGRATION, EXPRESSION, AND RESCUE OF GENES IN MAMMALIAN CELLS," Mol. Cell. Biol. 5:3251-3260 (1985)		
	C225	Tratschin et al., "A HUMAN PARVOVIRUS, ADENO-ASSOCIATED VIRUS, AS A EUCARYOTIC VECTOR: TRANSIENT EXPRESSION AND ENCAPSIDATION OF THE PROCARYOTIC GENE FOR CHLORAMPHENICOL ACETYLTRANSFERASE," Mol. Cell Biol. 4:2072-2081 (1984)		
	C226	Trimarchi et al., "THE E2F6 TRANSCRIPTION FACTOR IS A COMPONENT OF THE MAMMALIAN BM11-CONTAINING POLYCOMB COMPLEX," PNAS USA 98:1519-1524 (2001)		
	C227	Tyler et al., "THE 'DARK SIDE' OF CHROMATIN REMODELING: REPRESSIVE EFFECTS ON TRANSCRIPTION," Cell 99:443-446 (1999)		
/KCC/	C228	Ulmasov et al., "ACTIVATION AND REPRESSION OF TRANSCRIPTION BY AUXIN-RESPONSE FACTORS" PNAS USA 96:5844-5849 (1999)		

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
		Application Number	10/572,886		
		Filing Date	October 3, 2006		
		First Named Inventor	MOORE et al.		
		Group Art Unit	1653		
		Examiner Name			
Sheet	22	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>1</sup>
/KCC/	C229	Uptain et al., "BASIC MECHANISMS OF TRANSCRIPT ELONGATION AND ITS REGULATION," Annu. Rev. Biochem. 66:117-172 (1997)		
	C230	Urnov et al., "TARGETING OF N-COR AND HISTONE DEACETYLASE 3 BY THE ONCOPROTEIN V-ERBA YIELDS A CHROMATIN INFRASTRUCTURE-DEPENDENT TRANSCRIPTIONAL REPRESSION PATHWAY," EMBO J. 19:4074-4090 (2000)		
	C231	Urnov et al., "DESIGNED TRANSCRIPTION FACTORS AS TOOLS FOR THERAPEUTICS AND FUNCTIONAL GENOMICS," Biochem Pharmacol 64:919-923 (2002)		
	C232	Utlei et al., "TRANSCRIPTIONAL ACTIVATORS DIRECT HISTONE ACETYLTRANSFERASE COMPLEXES TO NUCLEOSOMES," Nature 394:498-502 (1998)		
	C233	Van Brunt, "MOLECULAR FARMING: TRANSGENIC ANIMALS AS BIOREACTORS," Biotechnology 6(10):1149-1154 (1988)		
	C234	Van den Wyngaert et al., "CLONING AND ANALYSIS OF A NOVEL HUMAN PUTATIVE DNA METHYLTRANSFERASE," FEBS Lett. 426:283-289 (1998)		
	C235	Van der Vlag et al., "TRANSCRIPTIONAL REPRESSION MEDIATED BY THE HUMAN POLYCOMB-GROUP PROTEIN EED INVOLVES HISTONE DEACETYLATION," Nature Genet. 23:474-478 (1999)		
	C236	Vigne et al., "THIRD-GENERATION ADENOVECTORS FOR GENE THERAPY," Restorative Neurology and Neuroscience 8:35-36 (1995)		
	C237	Vissing et al., "REPRESSION OF TRANSCRIPTIONAL ACTIVITY BY HETEROLOGOUS KRABDOMAINS PRESENT IN ZINC-FINGER PROTEINS," FEBS Lett 369:153-157 (1995)		
	C238	Vos, "CIS AND TRANS MECHANISMS OF DNA REPAIR," Curr. Opin. Cell Biol. 4:385-395 (1992)		
	C239	Wagner et al., "EFFICIENT AND PERSISTENT GENE TRANSFER OF AAV-CFTR IN MAXILLARY SINUS," Lancet 351:1702-1703 (1998)		
/KCC/	C240	Wang, "NUCLEAR PROTEIN TYROSINE KINASES," Trends Biochem. Sci. 19:373-376 (1994)		

Examiner Signature	/Karen Cochran Carlson, PhD./	Date Considered	April 17, 2008
--------------------	-------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/572,886
				Filing Date	October 3, 2006
				First Named Inventor	MOORE et al.
				Group Art Unit	1653
				Examiner Name	
Sheet	23	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
/KCC/	C241	Wang et al., "POSITIVE AND NEGATIVE REGULATION OF GENE EXPRESSION IN EUKARYOTIC CELLS WITH AN INDUCIBLE TRANSCRIPTIONAL REGULATOR," Gene Ther. 4:432-441 (1997)	
	C242	Wang et al., "A REGULATORY SYSTEM FOR USE IN GENE TRANSFER," PNAS USA 91:8180-8184 (1994)	
	C243	Wasylyk et al., "THE ETS FAMILY OF TRANSCRIPTION FACTORS" Eur. J. Biochem. 211:7-18 (1993)	
	C244	Wedel et al., "THE C/EBP FAMILY OF TRANSCRIPTION FACTORS," Immunobiology 193:171-185 (1995)	
	C245	Weising et al., "FOREIGN GENES IN PLANTS - TRANSFER, STRUCTURE, EXPRESSION, AND APPLICATION," Ann Rev Genet 22:421-477 (1988)	
	C246	Weiss et al., "GATA TRANSCRIPTION FACTORS: KEY REGULATORS OF HEMATOPOIESIS," Exp Hematol 23:99-107 (1995)	
	C247	Welsh et al., "ADENOVIRUS-MEDIATED GENE TRANSFER FOR CYSTIC FIBROSIS: PART A. SAFETY OF DOSE AND REPEAT ADMINISTRATION IN THE NASAL EPITHELIUM. PART B. CLINICAL EFFICACY IN THE MAXILLARY SINUS," Hum. Gene Ther. 2:205-218 (1995)	
	C248	Williams et al., "LOW DENSITY LIPOPROTEIN RECEPTOR-INDEPENDENT HEPATIC UPTAKE OF A SYNTHETIC, CHOLESTEROL-SCAVENGING LIPOPROTEIN: IMPLICATIONS FOR THE TREATMENT OF RECEPTOR-DEFICIENT ATHEROSCLEROSIS," PNAS 85:242-246 (1988)	
	C249	Wilson et al., "FORMATION OF INFECTIOUS HYBRID VIRIONS WITH GIBBON APE LEUKEMIA VIRUS AND HUMAN T-CELL LEUKEMIA VIRUS RETROVIRAL ENVELOPE GLYCOPROTEINS AND THE GAG AND POL PROTEINS OF MOLONEY MURINE LEUKEMIA VIRUS," J Virol 63:2374-2378 (1989)	
	C250	West et al., "GENE EXPRESSION IN ADENO-ASSOCIATED VIRUS VECTORS: THE EFFECTS OF CHIMERIC MRNA STRUCTURE, HELPER VIRUS, AND ADENOVIRUS VA1 RNA," Virology 160:38-47 (1987)	
	C251	Witzgall et al., "THE KRÜPPEL-ASSOCIATED BOX-A (KRAB-A) DOMAIN OF ZINC FINGER PROTEINS MEDIATES TRANSCRIPTIONAL REPRESSION," PNAS USA 91:4514-4518 (1994)	
/KCC/	C252	Wolffe, "HISTONE DEACETYLASE: A REGULATOR OF TRANSCRIPTION," Science 272:371-372 (1996)	

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
		Application Number	10/572,886		
		Filing Date	October 3, 2006		
		First Named Inventor	MOORE et al.		
		Group Art Unit	1653		
		Examiner Name			
Sheet	24	of	25	Attorney Docket Number	8325-0038 (S38-US1)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
/KCC/	C253	Wood, "DNA REPAIR IN EUKARYOTES," Ann. Rev. Biochem. 65:135-167 (1996)	
	C254	Wu et al., "BUILDING ZINC FINGERS BY SELECTION: TOWARD A THERAPEUTIC APPLICATION," PNAS 92: 344-348 (1995)	
	C255	Wu et al., "FUNCTIONAL ANALYSIS OF HD2 HISTONE DEACETYLASE HOMOLOGUES IN ARABIDOPSIS THALIANA," Plant J. 22:19-27 (2000)	
	C256	Yan et al. "TISSUE FACTOR TRANSCRIPTION DRIVEN BY EGR-1 IS A CRITICAL MECHANISM OF MURINE PULMONARY FIBRIN DEPOSITION IN HYPOXIA," PNAS USA 95:8298-8303 (1998)	
	C257	Yeh et al., "PEPTIDE-MEDIATED DELIVERY OF AN ARTIFICIAL TRANSCRIPTION FACTOR TO UPREGULATE SPECIFIC ENDOGENOUS GENE EXPRESSION: A NOVEL APPROACH TO GENE THERAPY," Molecular Therapy 7(5):S461 Abstract #1191 (2003)	
	C258	Yew et al., "MOS AND THE CELL CYCLE: THE MOLECULAR BASIS OF THE TRANSFORMED PHENOTYPE," Curr. Opin. Genet. Dev. 3:19-25 (1993)	
	C259	Yu et al., "PROGRESS TOWARDS GENE THERAPY FOR HIV INFECTION," Gene Therapy 1:13-26 (1994)	
	C260	Zardo et al., "THE UNMETHYLATED STATE OF CPG ISLANDS IN MOUSE FIBROBLASTS DEPENDS ON THE POLY(ADP-RIBOSYL)ATION PROCESS," J. Biol. Chem. 273:16517-16520 (1998)	
	C261	Zazopoulos et al., "DNA BINDING AND TRANSCRIPTIONAL REPRESSION BY DAX-1 BLOCKS STEROIDOGENESIS," Nature 390:311-315 (1997)	
	C262	Zenke et al., "V-ERBA SPECIFICALLY SUPPRESSES TRANSCRIPTION OF THE AVIAN ERYTHROCYTE ANION TRANSPORTER (BAND 3) GENE," Cell 52:107-119 (1988)	
	C263	Zenke et al., "V-ERBA ONCOGENE ACTIVATION ENTAILS THE LOSS OF HORMONE-DEPENDENT REGULATOR ACTIVITY OF C-ERBA," Cell 61:1035-1049 (1990)	
/KCC/	C264	Zhang et al., "SYNTHETIC ZINC FINGER TRANSCRIPTION FACTOR ACTION AT AN ENDOGENOUS CHROMOSOMAL SITE. ACTIVATION OF THE HUMAN ERYTHROPOIETIN GENE," Journal of Biological Chemistry 275(43): 33850-33860 (2000)	

Examiner Signature	/Karen Cochrane Carlson, PhD./	Date Considered	April 17, 2008
--------------------	--------------------------------	-----------------	----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.



